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			PTO/SB/05 (11-0
Please type a plus sign (+) inside this box	\rightarrow	+	Approved for use through 10/31/2002 OMB 0651-00
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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. CEC-170/SD-2231 First Inventor Addendum

(Only 16) New Horiprovisional applications under 37 CFR 1.35(U)) Express Wall Label No. EF 227 330 285 US						
APPLICATION ELEMENTS			ADI	RESS TO:	Assistant Commis Box Patent Applica	
See MPEP chapter 600 concerning utility patent application contents.					Washington, DC 2	
Fee Transmittal Form (e.g., PTO/SB/17)		7. CD-ROM or CD-R in duplicate, large table or				
	(Submit an original and a duplicate for fee processing) Applicant claims small entity status.		Computer Program (Appendix)			
See 37 CFR 1.27			Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)			
3. X Specification (preferred arrangement)	•		a. Computer Readable Form (CRF)			
- Descriptive title	of the invention to Related Applications		b. Specification Sequence Listing on:			
	arding Fed sponsored R & D		i. CD-ROM or CD-R (2 copies); or			
- Reference to se	equence listing, a table,		ii. paper			
or a computer properties of a computer propert	program listing appendix		c. Statements verifying identity of above copies			
- Brief Summary	of the Invention		ACCOMPANYING APPLICATION PARTS			
- Brief Descriptio - Detailed Descri	on of the Drawings (if filed)					
- Claim(s)	pton		9. [Papers (cover sheet	,
- Abstract of the	Disclosure		10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney			
4. X Drawing(s) (35 U	I.S.C. 113) Total Sheets 7	٦,	11.	_	slation Document (if	, ,
5. Oath or Declaration	[Total Pages 4	Ξ̈́,	12.	Information D	Disclosure	Copies of IDS Citations
	uted Mod (original or copy)	'	13.	Preliminary A	DS)/PTO-1449 ^{Le} Amendment	Citations
Copy from a prior application (37 CFR 1.63 (d))			14.	Return Receipt Postcard (MPEP 503)		
ELETION OF INVENTOR(S)			15.	(Snould be specifically itemized)		
Signed sta	itement attached deleting inventor(s)		(ii Toreign priority is claimed)			
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35				
6. Application Data Sheet. See 37 CFR 1.76			17.	or its equivale	ent. ······	
40 If a CONTINUING ABOUT	0171011		1	X Ch	eck::#199594	···for··\$1,298.00
or in an Application Data She	CATION, check appropriate box, and	d supply	the requ	iisite information b	elow and in a prelim	ninary amendment,
Continuation	Divisional Continuation-in-part	(CIP)		of prior application No :		
Prior application information:	Examiner	,,	`	Group Art Unit.		
For CONTINUATION OR DIVISI	ONAL APPS only: The entire disclosur	– e of the p	rior appi	ication, from which	an oath or declaration	n is supplied under
Box 5b, is considered a part of The incorporation can only be	f the disclosure of the accompanying c relied upon when a portion has been in	ontinuation	on or div	isional application	and is hereby incorpo	orated by reference.
	19. CORRESP				and appropriate participation	
Customer Number or Bar Code Label Unser Fusion 1 Alzen Der Code Label Or X Correspondence address below						
Name	Jeffrey A. Michael					
	Baker & Daniels					
Address	300 N. Meridian St	. Su	ite 2	2700		
City	Indianapolis	S	tate	IN	Zip Code	46204
Country	USA	Teleph	one	317-237-03	00 Fax	317-237-1000
Name (Print/Type)	Toffrom A Minhard		Reg	stration No. (Atto	ornev/Agent)	7 20/
	Jeffrey A. Michael	7	1)		7,394
Surden Hour Statement: This form	is estimated to take the Moura to complete	I JUM	MIL VARY OF	onerding upon the n	Date Janu	ary 31, 2001

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 1,298.00

Complete if Known			
Application Number			
Filing Date	Herewith		
First Named Inventor	Yue Yun Wang		
Examiner Name			
Group Art Unit			
Attorney Docket No.	CEC-170/SD-2231		

METHOD OF PAYMENT	FEE CALCULATION (continued)				
1. X The Commissioner is hereby authorized to charge indicated fees and credit any overnaments to	3. ADDITIONAL FEES				
Deposit Deposit	Large Small				
Account Number 02-0390	Entity Entity Fee Fee Fee Fee Foo Description				
Deposit	Code (\$) Code (\$)	Fee Paid			
Account Name Baker & Daniels	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Applicant claims small entity status. See 37 CFR 1 27	139 130 139 130 Non-English specification				
2. X Payment Enclosed:	- 147 2,520 147 2,520 For filing a request for ex parte reexamination				
X Check Credit card Order Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity	116 390 216 195 Extension for reply within second month				
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 890 217 445 Extension for reply within third month				
101 710 201 355 Utility filing fee	118 1,390 218 695 Extension for reply within fourth month				
106 320 206 160 Design filing fee 710	128 1,890 228 945 Extension for reply within fifth month				
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal				
108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal				
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing				
SUBTOTAL (1) (\$) 710	138 1,510 138 1,510 Petition to institute a public use proceeding				
	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES Fee from	141 1,240 241 620 Petition to revive - unintentional				
Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)				
Total Claims 26 -20** = 6 x 18 = 108	143 440 243 220 Design issue fee				
Claims 9 -3 - 6 x 80 = 480	144 600 244 300 Plant issue fee				
Multiple Dependent 270 = 0	122 130 122 130 Petitions to the Commissioner				
Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection				
104 270 204 135 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))				
109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))				
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$)1,298	Other fee (specify)				
**or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 1.2	98			

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Jeffrey A. Michael	Registration No. (Attomev/Agent)	37,394	Telephone (317)	237-0300
Signature	AMTA.	Michael		Date January	31, 2001

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Attachment to PTO/SB/05 (11-00) UTILITY PATENT APPLICATION TRANSMITTAL

1. SYSTEM FOR DIAGNOSING EGR VALVE, ACTUATOR AND SENSOR RELATED FAILURE CONDITIONS

Date: January 31, 2001 Attorney Docket No.: CEC-170/SD-2231

BOX PATENT APPLICATION Commissioner for Patents

Washington, D.C. 20231

Re:

Application for United States Letters Patent

Applicants:

Yue Yun Wang, Xiaoqiu Li, Mark R. Stepper, Chang Yang

Title of Invention:

SYSTEM FOR DIAGNOSING EGR VALVE, ACTUATOR

AND SENSOR RELATED FAILURE CONDITIONS

Sir:

Forwarded herewith is the above-identified application, consisting of the following:

Specification (21 Pages)

Claims (9 Pages)

Abstract of the Disclosure X

Drawings (7 sheets)

Declaration __ Executed X Unexecuted

Information Disclosure Statement

Form PTO/SB/08A (2 pgs.)

23 references

Patent Application Fee Determination Record

Fee Transmittal

Utility Patent Application Transmittal

Check #199594 for \$1,298.00

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-0390, BAKER & DANIELS. A duplicate copy of this sheet is enclosed.

[X] Any additional filing fees required under 37 CFR 1.16.

The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 02-0390, BAKER & DANIELS. A duplicate copy of this letter is enclosed.

[X] Any patent application processing fees under 37 CFR 1.17.

[X] Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

Jeffrey A. Michael Registration No. 37,394

Attorney for Applicants

BAKER & DANIELS 300 N. Meridian St., Suite 2700 Indianapolis, IN 46204

TELEPHONE: 317-237-0300 FACSIMILE: 317-237-1000

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DATE OF DEPOSIT January 31, 2001

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(Signature of Person Mailing Paper or Fee